



Dart Hawkesbury  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

*Give*  
**D350-636-012**  
**Job Sheet 167568-A**



Part No: D350-636-012

Job Qty: 1 ea

Part Name: Skidtube RH, Std Wearplates, DART (Apical) Cylindrical/Aerazur Float Comp.



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 11/2/17

Job Tracking No:

Due Date: 11/24/17

Created By: Victoria Michaud-Febrille

Type: Stock

Description:

Customer: Heli-Fix Maintenance Inc (CHFIX01)

252 Edouard Drouin St Jerome, QC, J7Y 4X5 Canada ph: (450) 712-3955

Note: European warehouse

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation          | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |                  | Sign-off              |
|-------|--------------------|-------|------------|----------|-----------|---------|-----------------------|------------------|-----------------------|
|       |                    |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time        |                       |
| 90    | Start up Operation | 1 Ea  |            | 11/23/17 | 0.00      | 0.00    | Start Up Skidtubes    |                  |                       |
| 110   | Skidtubes          | 1 pcs |            | 11/23/17 | 0.00      | 4.36    | Skidtubes             |                  | <i>SEAN M6</i>        |
| 120   | QC                 | 1 pcs |            | 11/23/17 | 0.00      | 0.00    | QC10                  |                  |                       |
| 130   | QC                 | 1 pcs |            | 11/23/17 | 0.00      | 0.00    | QC5                   |                  |                       |
| 140   | HandFinish         | 1 pcs |            | 11/23/17 | 0.00      | 0.91    | HandFinish1           |                  | <i>2018/01/22 SL</i>  |
| 150   | QC                 | 1 pcs |            | 11/23/17 | 0.00      | 0.00    | QC7                   |                  | <i>SE</i>             |
| 160   | Skidtubes          | 1 pcs |            | 11/23/17 | 0.00      | 4.36    | Skidtubes             |                  | <i>SE M6</i>          |
| 170   | QC                 | 1 pcs |            | 11/23/17 | 0.00      | 0.00    | QC10                  |                  | <i>35 DAS</i>         |
| 180   | QC                 | 1 pcs |            | 11/23/17 | 0.00      | 0.00    | QC5                   |                  | <i>9-88 33</i>        |
| 190   | HandFinish         | 1 pcs |            | 11/23/17 | 0.00      | 0.91    | HandFinish2           |                  | <i>2018/01/22 SL</i>  |
| 205   | Spray Paint        | 1 pcs |            | 11/23/17 | 0.00      | 0.69    | Spray Paint           | <i>subure 10</i> | <i>At 11/23/17</i>    |
| 210   | QC                 | 1 pcs |            | 11/23/17 | 0.00      | 0.00    | QC14                  |                  | <i>BEB 18-02-07</i>   |
| 230   | HandFinish         | 1 pcs |            | 11/24/17 | 0.00      | 0.91    | HandFinish4           |                  | <i>BEB 18-02-07</i>   |
| 240   | QC                 | 1 pcs |            | 11/24/17 | 0.00      | 0.00    | QC5                   |                  | <i>35</i>             |
| 250   | Packaging          | 1 pcs |            | 11/24/17 | 0.00      | 0.00    | Packaging1            |                  | <i>20 FEB 13 2018</i> |
| 260   | QC                 | 1 pcs |            | 11/24/17 | 0.00      | 0.00    | QC4                   |                  | <i>11/10</i>          |
| 265   | DC                 | 1 pcs |            | 11/24/17 | 0.00      | 0.00    | DC                    |                  |                       |
| 270   | Packaging          | 1 pcs |            | 11/24/17 | 0.00      | 0.00    | Packaging3            |                  | <i>DAS</i>            |
| 280   | QC21-FG            | 1 Ea  |            | 11/24/17 | 0.00      | 0.00    | QC21                  |                  | <i>21 FEB 13 2018</i> |

Part Op 110 - 1- Pick D2600-3 Bent Drill pilot holes as per Dwg D2750 sheet 4 (D2750-2 details). Drill using drill jig DT8150 & Descriptions: DT8863A for second side only DT8863B for first side (detail K) 4- Locate DT8329 off of blade fitting bolt holes and drill pilot holes for blade fitting. Open to 0.500" using hole saw. VERIFY AND RECORD FWD BEND ANGLE. 6- Drill pilot holes for wearplates as per Dwg D2750 using DT8108 open to 0.297". 7- Open up holes of Detail J to 0.297" (total of 2 holes per side) 8- Weld D2744 Cap as per Dwg D2750 and QSI 004. Fill grooves in bend left from bending as per QSI 004 9- Grind welds flush as per Dwg D2750 *AK M136158/M138673 SE*

160 - 1- Open up holes of Detail L using hole saw and ground handling to 0.625" (total of 8 holes per side) as per dwg D2750. 2- Open up holes of Detail K using hole saw to 0.750" (total of 4 holes per side) 3- Open float holes using uni-bit to .500" (4 per Side) 4- Chamfer holes of Detail K, L, ground handling and float holes per dwg D2750 (welding instructions on sheet 9) 5- Deburr and blow out all chips from inside of tube 7- Bond web D2739 in place as per QSI 015, let cure for 12hrs. *M138654 REP: 18-04-20*

180 - \*\*\*VERIFY C'BOARD IS GOOD\*\*\*

190 - Re-alodine tube as per QSI 005 section 4.1.2.1 do not acid etch.

200 - 1- PRIME AS PER DWG AND QSI 005 4.2

*000577*

**DART**  
AEROSPACE

**S032969**



Skidtube RH, Std Wearplates, DART (Apical)  
Cylindrical/Aerazur Float Comp.

**PART NO: D350-636-012**

**Original Serial #: S032969**

**Revision:**

**Operation: Start up Operation 01/17/18**

**Change No: CHG007**

**Job No: 167568-A**

**Dart Aerospace Ltd.**

1270 Aberdeen Street  
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CANADA

TEL.: 1 613 632-5200

Email: [sales@dartaero.com](mailto:sales@dartaero.com)

[www.dartaerospace.com](http://www.dartaerospace.com)

210 - Inspect for foreign object per QSI 024

230 - 1-Install inserts as per dwg D2750 2-Inspect for Foreign Objects 3-Install blade fitting D3488-042, wearshoes and ground handling hardware as per dwg D2750 5-Coat all exposed fasteners with "LPS Procyon" batch: \_\_\_\_\_

265 - record fwd angle: 89.9 Photocopy blue file and type labels per PPP D350-636-012 CHG 007

270 - Package as per PPP D350-636-012

### Job Allocations

| Operation             | Component Part                   | Required | Inventory | Allocated | Std Qty |
|-----------------------|----------------------------------|----------|-----------|-----------|---------|
| 90-Start up Operation | D2600-3-BENT-RH <u>S030328</u>   | 1        | 0         | 0         | 0       |
|                       | D2744 <u>S002318</u>             | 1        | 20        | 0         | 0       |
| 160-Skidtubes         | D2739 <u>S032812</u>             | 1        | 15        | 0         | 0       |
|                       | D2743 <u>S026588</u>             | 8        | 145       | 0         | 0       |
|                       | D3490-1 <u>S017322</u>           | 4        | 33        | 0         | 0       |
|                       | D3490-3 <u>S030890</u>           | 4        | 20        | 0         | 0       |
| 230-HandFinish        | ALS4-1032-225 <u>S007280</u>     | 38       | 879       | 0         | 0       |
|                       | AN3C5A <u>S019396</u>            | 34       | 412       | 0         | 0       |
|                       | AN3C6A <u>S019397</u>            | 4        | 80        | 0         | 0       |
|                       | AN6C44A <u>FM137055-1</u>        | 4        | 251       | 0         | 0       |
|                       | AN8C35A <u>FM137203</u>          | 1        | 97        | 0         | 0       |
|                       | D2745 <u>S026936</u>             | 8        | 92        | 0         | 0       |
|                       | D3488-042 <u>F163297-2</u>       | 1        | 5         | 0         | 0       |
|                       | D3492-1 <u>S025647</u>           | 8        | 59        | 0         | 0       |
|                       | D3492-3 <u>S026057</u>           | 8        | 101       | 0         | 0       |
|                       | D3535-25 <u>S032628</u>          | 1        | 11        | 0         | 0       |
|                       | D3536-25 <u>S031897</u>          | 1        | 13        | 0         | 0       |
|                       | D3537-1 <u>S037413</u>           | 3        | 94        | 0         | 0       |
|                       | D3631-1 <u>S008168</u>           | 8        | 4         | 0         | 0       |
|                       | D3791-1 <u>S024390</u>           | 1        | 9         | 0         | 0       |
|                       | D3793-1 <u>S031903</u>           | 1        | 9         | 0         | 0       |
|                       | D3793-3 <u>S032647</u>           | 1        | 10        | 0         | 0       |
|                       | D3794-1 <u>S031919</u>           | 1        | 8         | 0         | 0       |
|                       | D3794-3 <u>S032222</u>           | 1        | 11        | 0         | 0       |
|                       | MS21043-6 <u>S016883</u>         | 4        | 66        | 0         | 0       |
|                       | MS21083C8 <u>S034401</u>         | 1        | 31        | 0         | 0       |
|                       | NAS1149C0332R <u>S019380-1</u>   | 38       | 4,240     | 0         | 0       |
|                       | NAS1149C0832R <u>M138409-121</u> | 1        | 118       | 0         | 0       |
|                       | NAS1515H3L <u>FM137361-25</u>    | 4        | 222       | 0         | 0       |
|                       | NAS1611-010 <u>S022098</u>       | 8        | 123       | 0         | 0       |
|                       | NAS1611-013 <u>S022099</u>       | 8        | 117       | 0         | 0       |
| 250-Packaging         | AN8C21A                          | 2        | 235       | 0         | 0       |
|                       | D2741                            | 1        | 70        | 0         | 0       |
|                       | D3493-1                          | 2        | 38        | 0         | 0       |
|                       | D3532-1                          | 2        | 11        | 0         | 0       |
|                       | MS21083C8                        | 2        | 31        | 0         | 0       |
|                       | NAS1149D0863J                    | 2        | 205       | 0         | 0       |

### Part Specifications

Specifications could not be found.

Plex 11/2/17 3:12 PM dart.Michaud-Febrille.Victoria

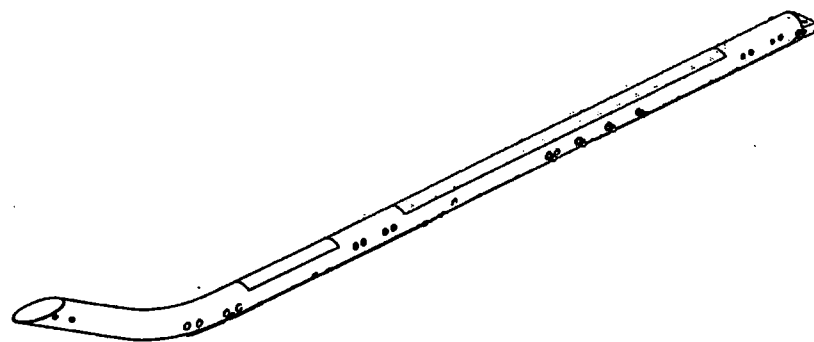
| QTY<br>-041 | QTY<br>-042 | QTY<br>-043 | QTY<br>-044 | PART NUMBER   | DESCRIPTION                                                |
|-------------|-------------|-------------|-------------|---------------|------------------------------------------------------------|
| X           |             |             |             | D2750-041     | 350 SKIDTUBE ASSEMBLY, LH                                  |
|             | X           |             |             | D2750-042     | 350 SKIDTUBE ASSEMBLY, RH                                  |
|             |             | X           |             | D2750-043     | 350 SKIDTUBE ASSEMBLY, LH                                  |
|             |             |             | X           | D2750-044     | 350 SKIDTUBE ASSEMBLY, RH                                  |
| 1           | 1           | 1           | 1           | D2739         | WEB                                                        |
| 8           | 8           | 8           | 8           | D2743         | SPACER                                                     |
| 1           | 1           | 1           | 1           | D2744         | CAP                                                        |
| 8           | 8           | 8           | 8           | D2745         | BUSHING                                                    |
| 1           |             |             |             | D2750-1       | SKIDTUBE WELDMENT, LH                                      |
|             | 1           |             |             | D2750-2       | SKIDTUBE WELDMENT, RH                                      |
|             |             | 1           |             | D2750-3       | SKIDTUBE WELDMENT, LH                                      |
|             |             |             | 1           | D2750-4       | SKIDTUBE WELDMENT, RH                                      |
| 1           |             | 1           |             | D3488-041     | BLADE FITTING, LH                                          |
|             | 1           |             | 1           | D3488-042     | BLADE FITTING, RH                                          |
| 4           | 4           | 4           | 4           | D3490-1       | SPACER                                                     |
| 4           | 4           |             |             | D3490-3       | SPACER                                                     |
|             |             | 4           | 4           | D3490-5       | SPACER                                                     |
| 8           | 8           | 8           | 8           | D3492-041     | PLUG ASSEMBLY                                              |
| 8           | 8           |             |             | D3492-043     | PLUG ASSEMBLY                                              |
|             |             | 8           | 8           | D3492-045     | PLUG ASSEMBLY                                              |
| 1           | 1           | 1           | 1           | D3535-25      | WEARSHOE                                                   |
| 1           | 1           | 1           | 1           | D3536-25      | GASKET                                                     |
| 3           | 3           | 3           | 3           | D3537-1       | WEARPAD                                                    |
| 8           | 8           | 8           | 8           | D3631-1       | WASHER                                                     |
| 1           | 1           | 1           | 1           | D3791-1       | WEARPLATE                                                  |
| 1           | 1           | 1           | 1           | D3793-1       | WEARSHOE                                                   |
| 1           | 1           | 1           | 1           | D3793-3       | WEARSHOE                                                   |
| 1           | 1           | 1           | 1           | D3794-1       | GASKET                                                     |
| 1           | 1           | 1           | 1           | D3794-3       | GASKET                                                     |
| 38          | 38          | 38          | 38          | ALS4-1032-225 | INSERT (OR ALS7-1032-225,<br>AKS4-1032-225, AELS-1032-225) |
| 34          | 34          | 34          | 34          | AN3C5A        | BOLT                                                       |
| 4           | 4           | 4           | 4           | AN3C8A        | BOLT                                                       |
| 4           | 4           | 4           | 4           | AN6C44A       | BOLT                                                       |
| 1           | 1           | 1           | 1           | AN8C35A       | BOLT                                                       |
| 38          | 38          | 38          | 38          | AN960C10L     | WASHER                                                     |
| 1           | 1           | 1           | 1           | AN960C816L    | WASHER                                                     |
| 4           | 4           | 4           | 4           | MS21043-6     | NUT                                                        |
| 1           | 1           | 1           | 1           | MS21083C8     | NUT                                                        |
| 4           | 4           | 4           | 4           | NAS1515H3L    | WASHER                                                     |

# **GENERAL NOTES:**

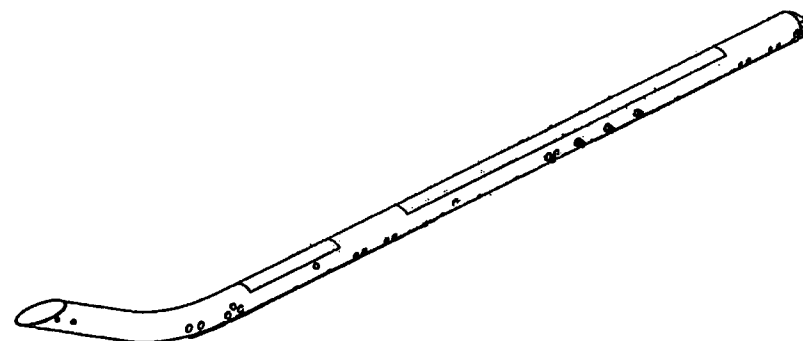
- MATERIAL: MAKE D2750-1/2-3/4 FROM D2600-3 EXTRUSION (INITIAL LENGTH = 120.0).
- FINISH: ACID ETCH, ALODINE ASSEMBLY PER DART QSI 005 4.1 PRIOR TO INSTALLING D2739 WEB.  
STANDARD: PRIME (REF. 4.2.1.3.3) AND PAINT WHITE PER DART QSI 005 4.2  
OPTIONAL: POWDER COAT WHITE (REF. 4.3.5.1) PER DART QSI 005 4.3  
BLACK ANTI-SKID PAINT AS INDICATED TO 1.0 ABOVE SKIDTUBE CENTER-LINE PER DART 005 4.4 (OPTIONAL).
- TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- UNITS: INCHES UNLESS OTHERWISE NOTED
- BREAK SHARP EDGES: N/A
- IDENTIFICATION: N/A
- WEIGHT: D2750-041/-042/-043/-044 = 26.5 LBS
- WELD PER DART QSI 004
- INSTALL ALS4-1032-225 INSERTS AFTER FINISH AS INDICATED. DRILL 'F' SIZE HOLES (Ø 0.297) FOR WEARSHOE INSERTS
- FINAL CONFIGURATION SHOULD HAVE THE FOLLOWING MINIMUM MECHANICAL PROPERTIES:  
MINIMUM YIELD TENSILE STRENGTH = 35 KSI  
MINIMUM ULTIMATE TENSILE STRENGTH = 38 KSI
- COAT ALL EXPOSED FASTENERS WITH LPS LABORATORIES "LPS PROCYON" AFTER FINAL ASSEMBLY, CLEAN EXCESS OFF  
FINISH WITH MEK DEGREASER.
- SPACER AND PLUG INSTALLED SAME AS SECTION AJ-AJ EXCEPT HORIZONTAL
- SPACER AND PLUG INSTALLED SAME AS SECTION AP-AP EXCEPT HORIZONTAL

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|            |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                    |               |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| G          | CORRECTED TOLERANCE ON Ø 0.500 THRU HOLE: IS +0.010/-0.000, WAS +0.100/-0.000 (ZN B3-4, B2-5); ADD VIEW TO CONTROL FWD BEND ORIENTATION (ZN D-1-4/-5-6-7); UPDATED FINISH OPTIONS; INSIDE OF TUBE NO LONGER SPRAYED WITH LPS-3. REASON: PAR13-278 AND NCR13-2757                                                                                                                 | MB                                                                                                                                                                                                                                                                                 | 13.07.11      |
| F          | INCORPORATE DSI 9413; QTY (3) D3537-1 WAS QTY (5) (ZN C8-1); D3791-1/3 REPLACES D3535-13/35 (ZN C8-1); D3794-1/3 REPLACES D3536-13/35 (ZN B8-1); ADD D3791-1 (ZN C8-1); WEARSHOE HOLES UNDER FWDRAFT SADDLE REMOVED (8 PL); WEARSHOE HARDWARE QTY UPDATED (ZN B8-1); D3488-041/-042 HARDWARE UPDATED (ZN C1-8, 9, 10, 11); ADD NOTE 12 AND 13 (ZN A6-1); REASON: REF. NCR 06-043 | PH                                                                                                                                                                                                                                                                                 | 08.07.16      |
| E          | CHANGE TO STAINLESS STEEL WEARPLATES; ADD RUBBER GASKETS; CHANGE INSERTS; ADD D3631-1; REMOVE QTY (38) NAS1515H3L; REMOVE QTY (10) NAS1515H8L; REMOVE D2741, QTY (2) AN960C818; REMOVE QTY (2) MS21083C8                                                                                                                                                                         | CB                                                                                                                                                                                                                                                                                 | 07.05.17      |
| D          | ADD HOLES AND SPACERS FOR APICAL FLOATS; INCORPORATE DEO 9133/9157                                                                                                                                                                                                                                                                                                               | PH                                                                                                                                                                                                                                                                                 | 06.01.05      |
| C          | ADD D2750-3/D2750-4; INCORPORATE D2738 AND D2740                                                                                                                                                                                                                                                                                                                                 | CP                                                                                                                                                                                                                                                                                 | 98.11.18      |
| B          | CHANGE MS24694-S293 TO AN8-16A                                                                                                                                                                                                                                                                                                                                                   | CP                                                                                                                                                                                                                                                                                 | 98.09.01      |
| A          | NEW ISSUE                                                                                                                                                                                                                                                                                                                                                                        | DS                                                                                                                                                                                                                                                                                 | 98.04.16      |
| REV.       | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                      | BY                                                                                                                                                                                                                                                                                 | DATE          |
| DESIGN     | MIN                                                                                                                                                                                                                                                                                                                                                                              | DART AEROSPACE USA, INC.                                                                                                                                                                                                                                                           |               |
| DRAWN      |                                                                                                                                                                                                                                                                                                                                                                                  | KENT, WA                                                                                                                                                                                                                                                                           |               |
| CHECKED    |                                                                                                                                                                                                                                                                                                                                                                                  | DRAWING NO.                                                                                                                                                                                                                                                                        | REV. G        |
| MFG. APPR. |                                                                                                                                                                                                                                                                                                                                                                                  | D2750                                                                                                                                                                                                                                                                              | SHEET 1 OF 11 |
| APPROVED   |                                                                                                                                                                                                                                                                                                                                                                                  | TITLE                                                                                                                                                                                                                                                                              | SCALE         |
| DE APPR.   |                                                                                                                                                                                                                                                                                                                                                                                  | 350 SKIDTUBE ASSEMBLY                                                                                                                                                                                                                                                              | NTS           |
| DATE       | 13.07.11                                                                                                                                                                                                                                                                                                                                                                         | COPYRIGHT © 1988 BY DART AEROSPACE USA, INC.<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC. |               |



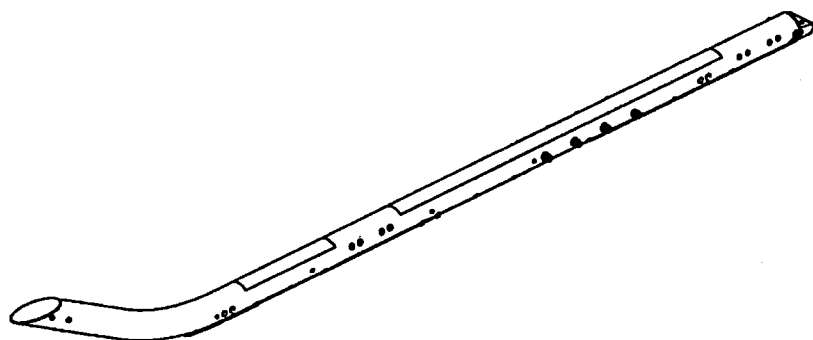
**D2750-041 350 SKIDTUBE ASSEMBLY, LH**



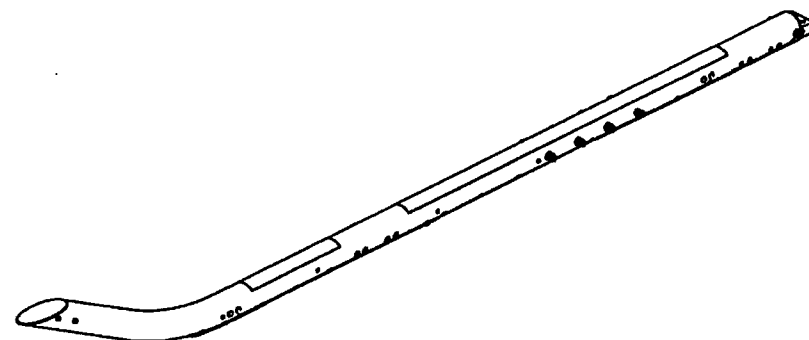
**D2750-042 350 SKIDTUBE ASSEMBLY, RH**

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|            |                 |                                                                                                                                                                                                                                                                                          |        |
|------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| DESIGN     | MM              | <b>DART AEROSPACE USA, INC.</b>                                                                                                                                                                                                                                                          |        |
| DRAWN      |                 | KENT, WA                                                                                                                                                                                                                                                                                 |        |
| CHECKED    |                 | DRAWING NO. <b>D2750</b>                                                                                                                                                                                                                                                                 | REV. G |
| MFG. APPR. |                 | SHEET 2 OF 11                                                                                                                                                                                                                                                                            |        |
| APPROVED   |                 | TITLE                                                                                                                                                                                                                                                                                    | SCALE  |
| DE APPR.   |                 | <b>350 SKIDTUBE ASSEMBLY</b>                                                                                                                                                                                                                                                             | NTS    |
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D2750-043 350 SKIDTUBE ASSEMBLY, LH

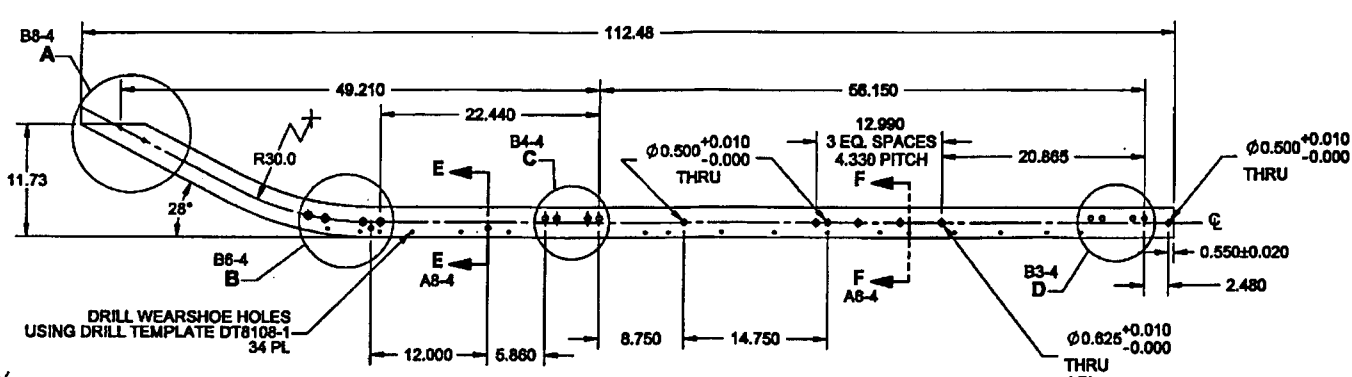


D2750-044 350 SKIDTUBE ASSEMBLY, RH

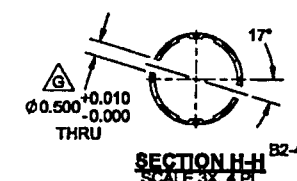
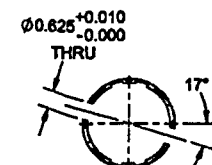
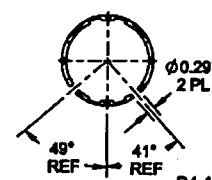
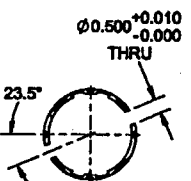
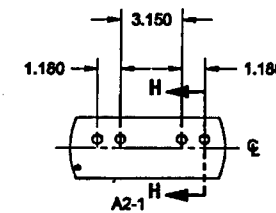
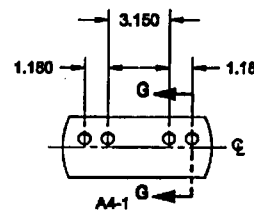
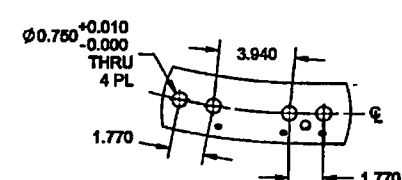
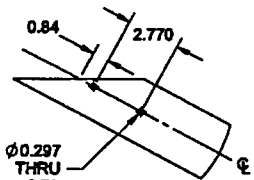
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|            |                    |                                                                                                                                                                                                                                                                           |               |
|------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| DESIGN     | MM                 | <b>DART AEROSPACE USA, INC.</b>                                                                                                                                                                                                                                           |               |
| DRAWN      | <i>[Signature]</i> | KENT, WA                                                                                                                                                                                                                                                                  |               |
| CHECKED    | <i>[Signature]</i> | DRAWING NO.                                                                                                                                                                                                                                                               | REV. G        |
| MFG. APPR. | <i>[Signature]</i> | D2750                                                                                                                                                                                                                                                                     | SHEET 3 OF 11 |
| APPROVED   | <i>[Signature]</i> | TITLE                                                                                                                                                                                                                                                                     | SCALE         |
| DE APPR.   | <i>[Signature]</i> | 350 SKIDTUBE ASSEMBLY                                                                                                                                                                                                                                                     | NTS           |
| DATE       | 13.07.11           | <small>COPYRIGHT © 1986 BY DART AEROSPACE USA, INC.<br/>THIS DRAWING IS UNCLASSIFIED AND IS RELEASED ON THE CONDITION THAT IT IS<br/>NOT TO BE USED FOR ANY PURPOSES OR REPRODUCED IN ANY MANNER WITHOUT THE<br/>WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small> |               |

8 7 6 5 4 3 2 1



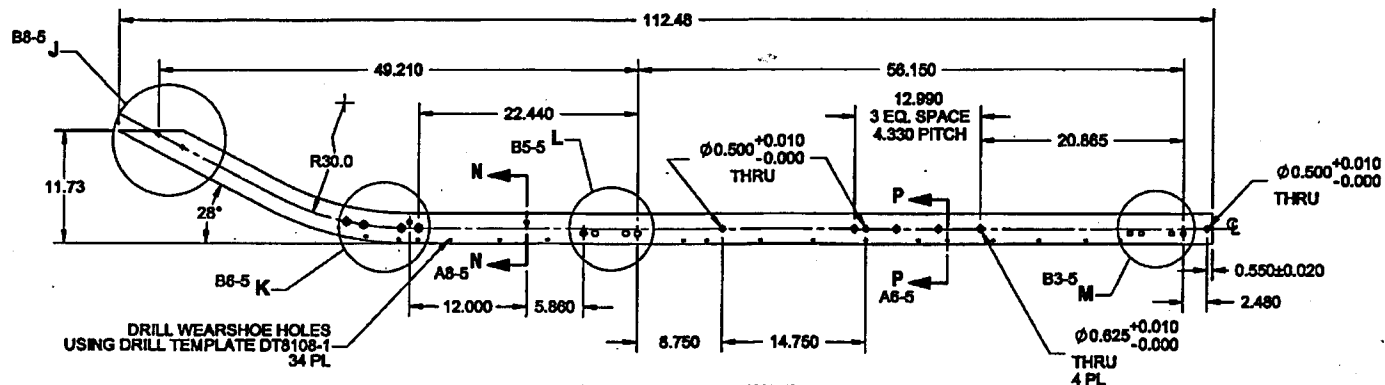
**D2750-1 LH SKIDTUBE**



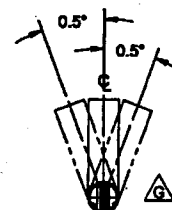
**RELEASED**  
2013-08-13

|            |          |                                                                                                                                                                                                                                                                                                           |               |
|------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| DESIGN     | MM       | <b>DART AEROSPACE USA, INC.</b>                                                                                                                                                                                                                                                                           |               |
| DRAWN      |          | KENT, WA                                                                                                                                                                                                                                                                                                  |               |
| CHECKED    |          | DRAWING NO.                                                                                                                                                                                                                                                                                               | REV. G        |
| MFG. APPR. |          | D2750                                                                                                                                                                                                                                                                                                     | SHEET 4 OF 11 |
| APPROVED   |          | TITLE                                                                                                                                                                                                                                                                                                     | SCALE         |
| DE APPR.   |          | 350 SKIDTUBE ASSEMBLY                                                                                                                                                                                                                                                                                     | NTS           |
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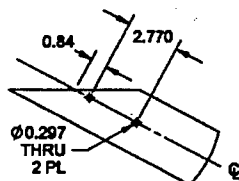
8 7 6 5 4 3 2 1



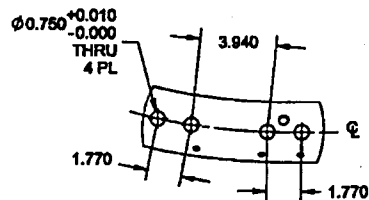
**D2750-2 RH SKIDTUBE**



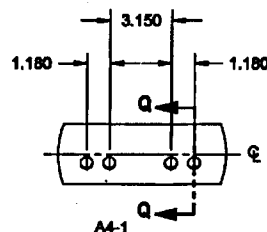
**OUTBD**  
MAX ALLOWABLE  
TWIST ON FWD BEND  
(VIEWED LOOKING FWD)



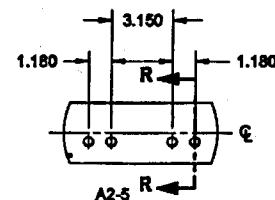
**DETAIL J**  
SCALE 2X



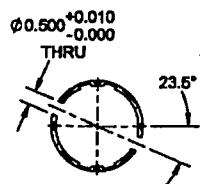
**DETAIL K**  
SCALE 2X



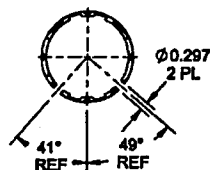
**DETAIL L**  
SCALE 2X



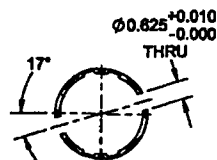
**DETAIL M**  
SCALE 2X



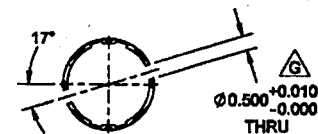
**SECTION N-N**  
SCALE 3X, 2 PL



**SECTION P-P**  
SCALE 3X, 17 PL



**SECTION Q-Q**  
SCALE 3X, 4 PL



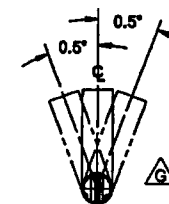
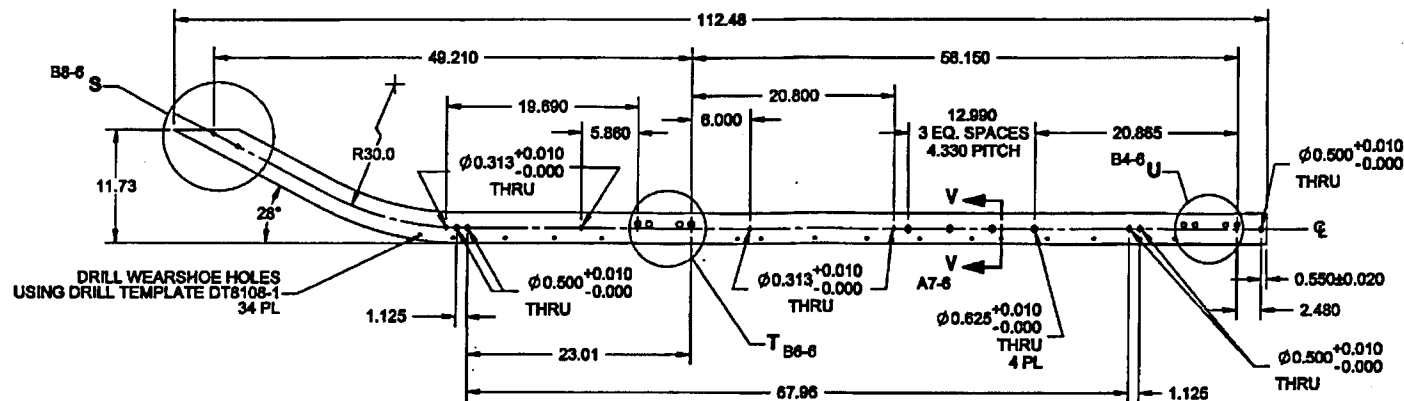
**SECTION R-R**  
SCALE 3X, 4 PL

**RELEASED**  
2013-08-13

|                                                                                                                                                                                                                                                                                  |    |                                    |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------------|------------------|
| DESIGN                                                                                                                                                                                                                                                                           | MM | <b>DART AEROSPACE USA, INC.</b>    |                  |
| DRAWN                                                                                                                                                                                                                                                                            |    | KENT, WA                           |                  |
| CHECKED                                                                                                                                                                                                                                                                          |    | DRAWING NO. <b>D2750</b>           | REV. G           |
| MFG. APPR.                                                                                                                                                                                                                                                                       |    | SHEET 6 OF 11                      |                  |
| APPROVED                                                                                                                                                                                                                                                                         |    | TITLE <b>350 SKIDTUBE ASSEMBLY</b> | SCALE <b>NTS</b> |
| DE APPR.                                                                                                                                                                                                                                                                         |    | DATE <b>13.07.11</b>               |                  |
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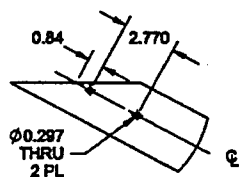


8 7 6 5 4 3 2 1

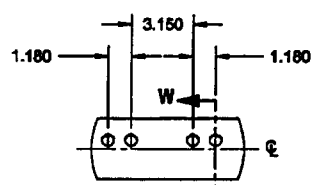


**OUTBD**  
MAX ALLOWABLE  
TWIST ON FWD BEND  
(VIEWED LOOKING FWD)

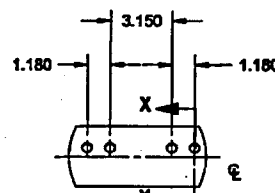
**D2750-3 LH SKIDTUBE**



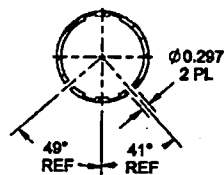
**DETAIL S**  
SCALE 2X



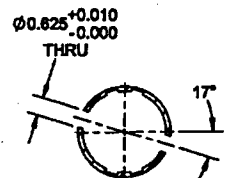
**DETAIL T**  
SCALE 2X



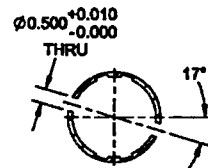
**DETAIL U**  
SCALE 2X



**SECTION V-V**  
SCALE 3X, 17 PL



**SECTION W-W**  
SCALE 3X, 4 PL

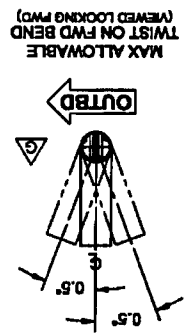
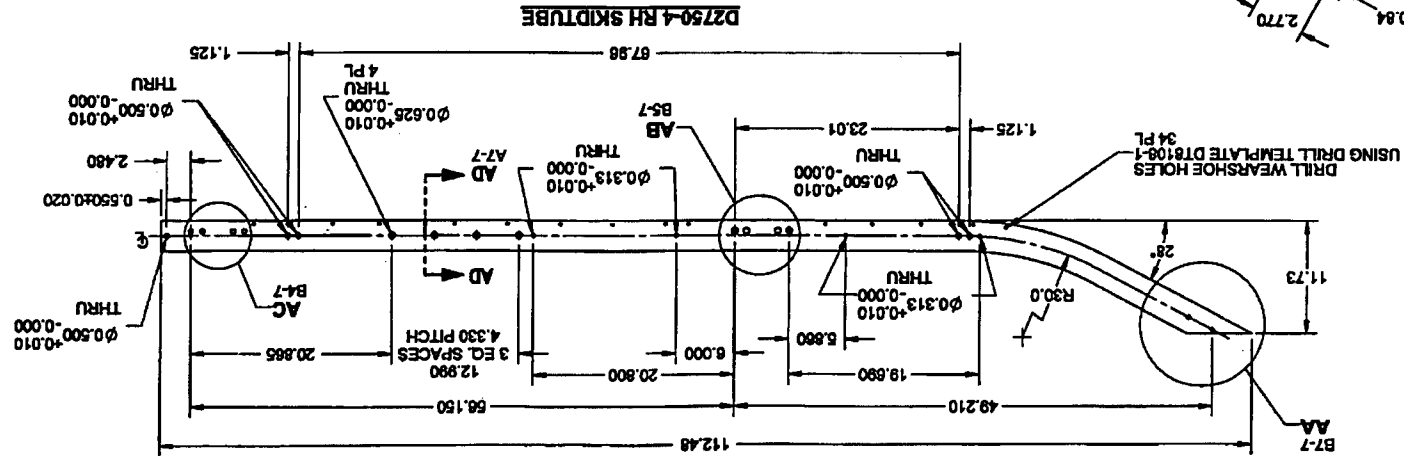
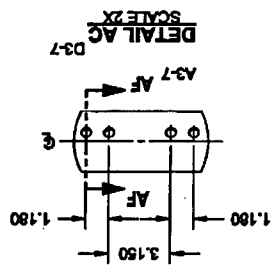
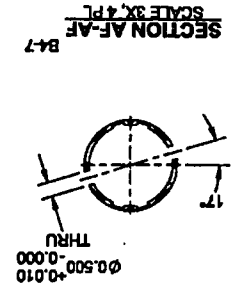
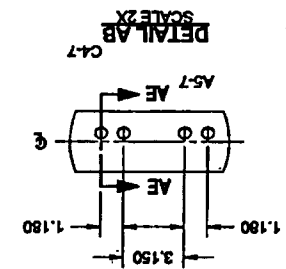
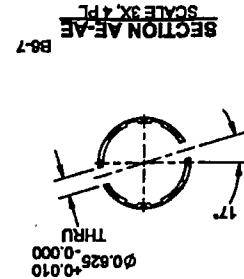
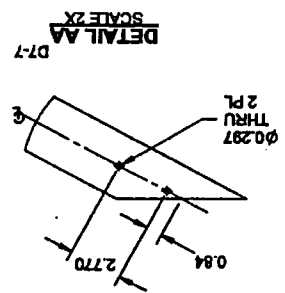
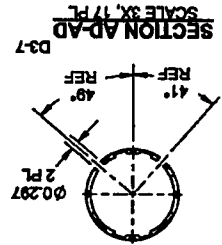


**SECTION X-X**  
SCALE 3X, 4 PL

**RELEASED**  
2013-08-13

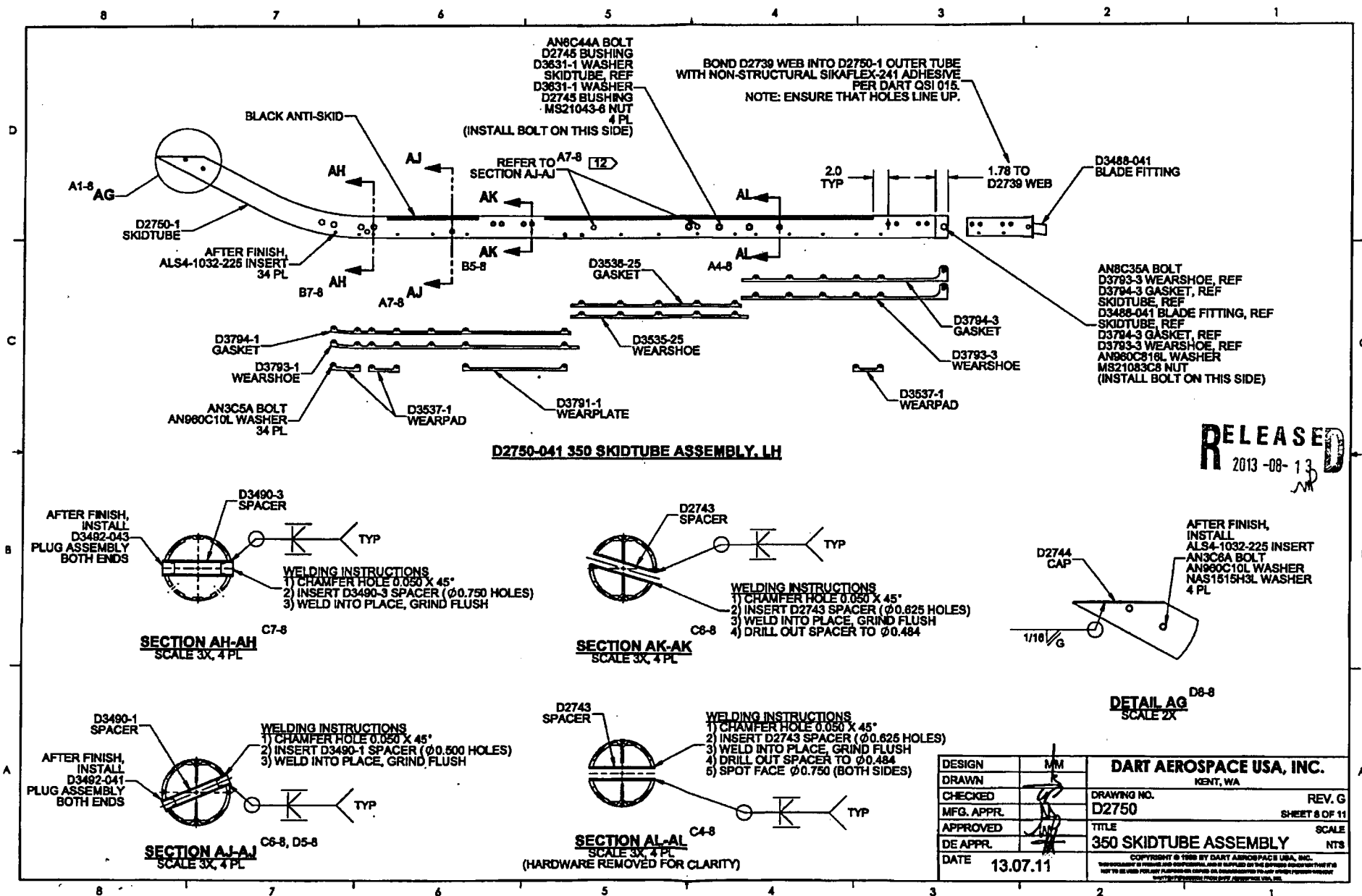
|            |                 |                                                                                                                                                                                                                                                 |               |
|------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| DESIGN     | MM              | <b>DART AEROSPACE USA, INC.</b>                                                                                                                                                                                                                 |               |
| DRAWN      |                 | KENT, WA                                                                                                                                                                                                                                        |               |
| CHECKED    |                 | DRAWING NO.                                                                                                                                                                                                                                     | REV. G        |
| MFG. APPR. |                 | <b>D2750</b>                                                                                                                                                                                                                                    | SHEET 6 OF 11 |
| APPROVED   |                 | TITLE                                                                                                                                                                                                                                           | SCALE         |
| DE APPR.   |                 | <b>350 SKIDTUBE ASSEMBLY</b>                                                                                                                                                                                                                    | NTS           |
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8 7 6 5 4 3 2 1

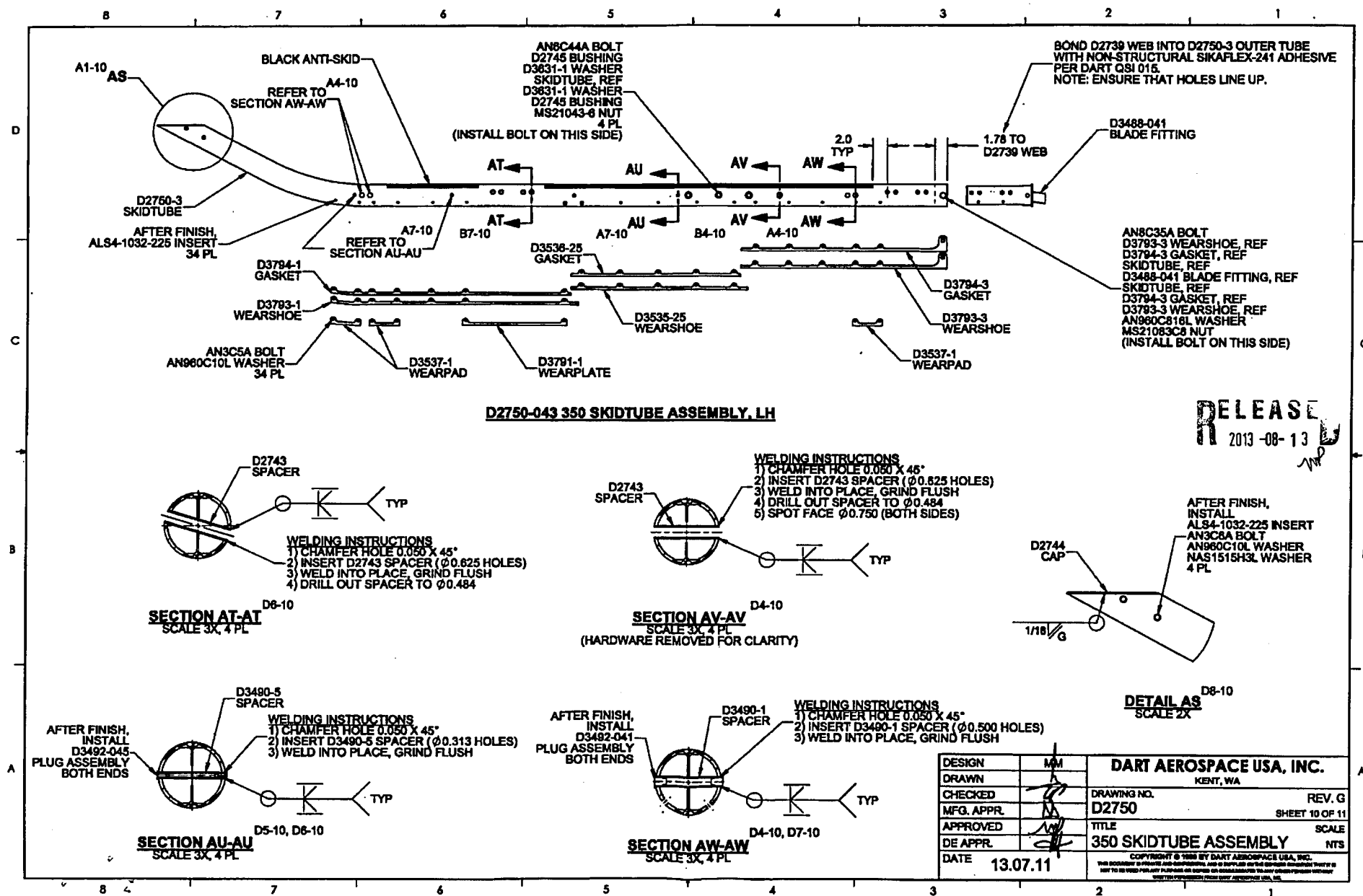


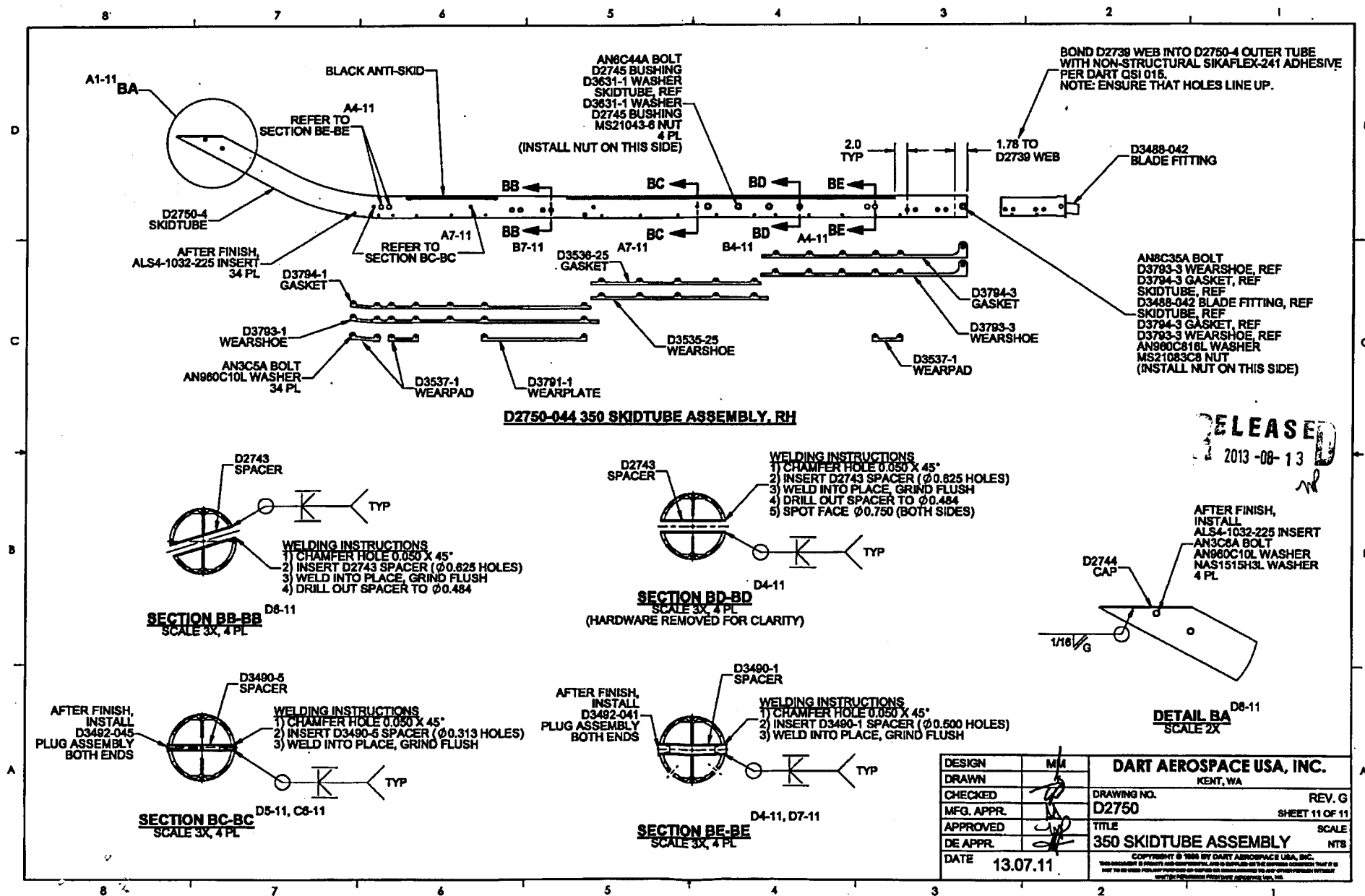
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|--------------------------|-----------------------|
| DESIGN                   | MM                    |
| DRAWN                    |                       |
| CHECKED                  |                       |
| MFG. APPR.               |                       |
| APPROVED                 |                       |
| DE APPR.                 |                       |
| DATE                     | 13.07.11              |
| TITLE                    | 350 SKIDTUBE ASSEMBLY |
| SCALE                    | NTS                   |
| SHEET 7 OF 11            |                       |
| REV. G                   |                       |
| DRAWING NO.              | D2750                 |
| ICENT. WA.               |                       |
| DART AEROSPACE USA, INC. |                       |

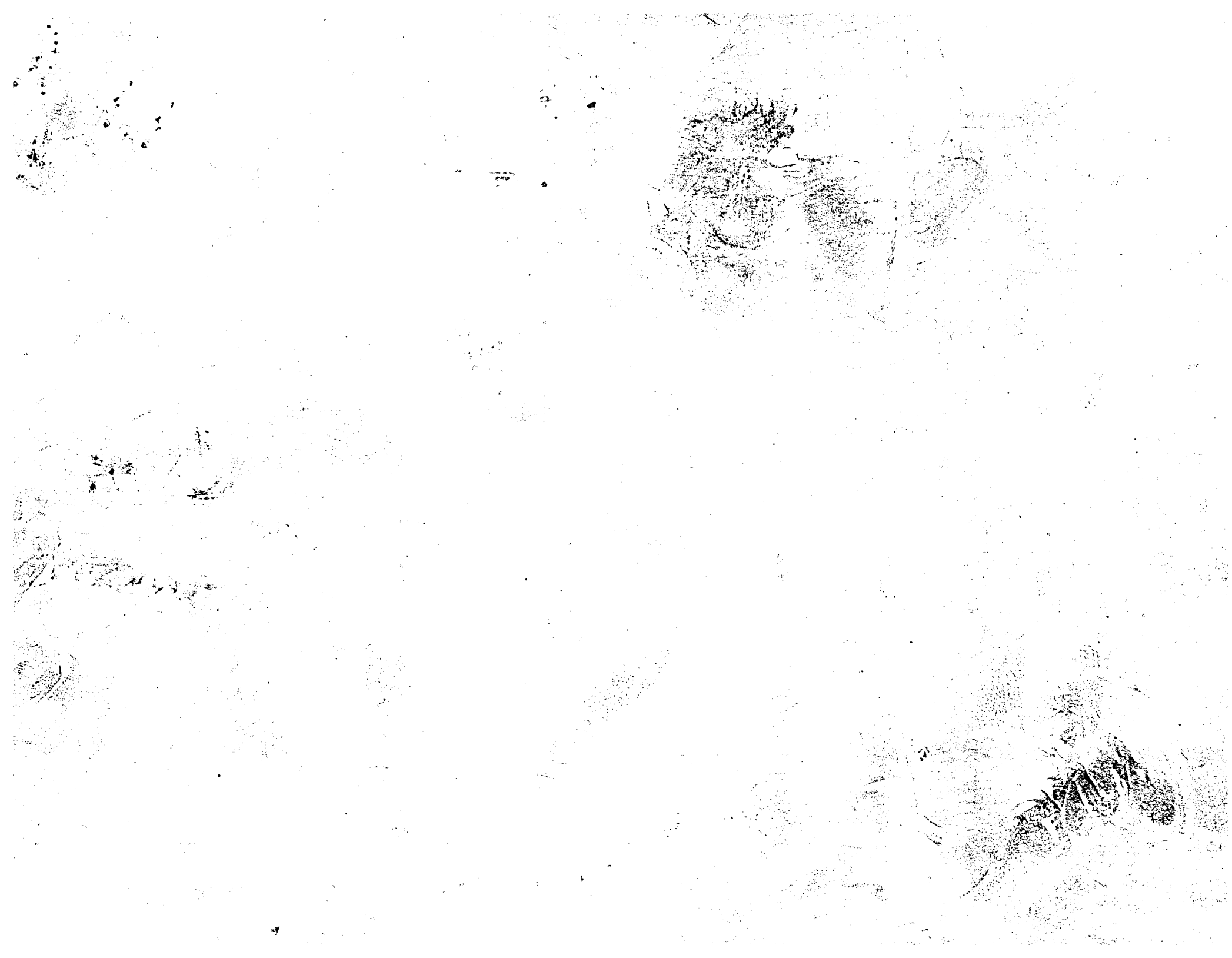
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2013-08-13













Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

## PURCHASE ORDER PO038933

Supplier: ATE003-VC  
Atelier Debosselage  
358 Principale  
Calumet  
QC  
J0V 1B0 Canada  
Phone: 819 242 5633

PO No: PO038933  
PO Date: 2/2/18  
Due Date: 2/5/18  
Purchase Order  
Revision:  
Revision Date:  
Ship-To Contact: Baker, Diane  
Phone: dbaker@dartaero.com

Ship To: 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

Via: Ground  
Pymt Terms: Net 30  
Freight Terms:  
Special Comments:

### Items

| Line Item | Job      | Part         | Description                                                                | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD)            | Extended Price  |
|-----------|----------|--------------|----------------------------------------------------------------------------|--------|----------|----------------|-------------------|---------|-----------------------------|-----------------|
| 1         | 168941   | D3391-021    | Fwd Tube Assembly                                                          | Firmed | 2/5/18   | 1 pcs          | 0 pcs             | 1 pcs   | \$125.00/pcs                | \$125.00        |
| 2         | 168617-A | D3391-021    | Fwd Tube Assembly                                                          | Firmed | 2/5/18   | 1 pcs          | 0 pcs             | 1 pcs   | \$125.00/pcs                | \$125.00        |
| 3         | 168760-A | D3391-021    | Fwd Tube Assembly                                                          | Firmed | 2/5/18   | 1 pcs          | 0 pcs<br>1X       | 1 pcs   | \$125.00/pcs<br>18/02/02    | \$125.00<br>mef |
| 4         | 168619-B | D3391-023    | Mid Tube Assembly                                                          | Firmed | 2/5/18   | 1 pcs          | 0 pcs             | 1 pcs   | \$125.00/pcs                | \$125.00        |
| 5         | 168761-A | D3391-023    | Mid Tube Assembly                                                          | Firmed | 2/5/18   | 1 pcs          | 0 pcs<br>1X       | 1 pcs   | \$125.00/pcs<br>18/02/02    | \$125.00<br>mef |
| 6         | 168761   | D3391-023    | Mid Tube Assembly                                                          | Firmed | 2/5/18   | 1 pcs          | 0 pcs             | 1 pcs   | \$125.00/pcs                | \$125.00        |
| 7         | 168621-C | D3391-025    | Aft Tube Assembly                                                          | Firmed | 2/5/18   | 1 pcs          | 0 pcs             | 1 pcs   | \$125.00/pcs                | \$125.00        |
| 8         | 168621-A | D3391-025    | Aft Tube Assembly                                                          | Firmed | 2/5/18   | 1 pcs          | 0 pcs             | 1 pcs   | \$125.00/pcs                | \$125.00        |
| 9         | 168621-B | D3391-025    | Aft Tube Assembly                                                          | Firmed | 2/5/18   | 1 pcs          | 0 pcs<br>1X       | 1 pcs   | \$125.00/pcs<br>18/02/02    | \$125.00<br>mef |
| 10        | 169228-B | D350-636-011 | Skidtube LH, Std Wearplates, DART (Apical) Cylindrical/Aerazur Float Comp. | Firmed | 2/5/18   | 1 pcs          | 0 pcs             | 1 pcs   | \$225.00/pcs                | \$225.00        |
| 11        | 169228   | D350-636-011 | Skidtube LH, Std Wearplates, DART (Apical) Cylindrical/Aerazur Float Comp. | Firmed | 2/5/18   | 1 pcs          | 0 pcs<br>1X       | 1 pcs   | \$225.00/pcs<br>18/02/02    | \$225.00<br>mef |
| 12        | 169856   | D350-636-011 | Skidtube LH, Std Wearplates, DART (Apical) Cylindrical/Aerazur Float Comp. | Firmed | 2/5/18   | 1 pcs          | 0 pcs<br>1X       | 1 pcs   | \$225.00/pcs<br>18/02/02    | \$225.00<br>mef |
| 13        | 167569   | D350-636-012 | Skidtube RH, Std Wearplates, DART (Apical) Cylindrical/Aerazur Float Comp. | Firmed | 2/5/18   | 1 pcs          | 0 pcs             | 1 pcs   | \$225.00/pcs                | \$225.00        |
| 14        | 167568-A | D350-636-012 | Skidtube RH, Std Wearplates, DART (Apical) Cylindrical/Aerazur Float       | Firmed | 2/5/18   | 1 pcs          | 0 pcs<br>1X       | 1 pcs   | \$225.00/pcs<br>AT 18/02/02 | \$225.00<br>mef |





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## PO038933

### Items

| Line Item    | Job      | Part         | Description                                                                      | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD)         | Extended Price |
|--------------|----------|--------------|----------------------------------------------------------------------------------|--------|----------|----------------|-------------------|---------|--------------------------|----------------|
|              |          |              | Comp.                                                                            |        |          |                |                   |         |                          |                |
| ✓ 15         | 167302-B | D350-636-015 | Skidtube LH, Run-on Landing Wearplates, DART(Apical) Cylind./Aerazur Float Comp. | Firmed | 2/5/18   | 1 pcs          | 0 pcs<br>1x       | 1 pcs   | \$225.00/pcs<br>18/02/02 | \$225.00<br>ms |
| 16           | 167302   | D350-636-015 | Skidtube LH, Run-on Landing Wearplates, DART(Apical) Cylind./Aerazur Float Comp. | Firmed | 2/5/18   | 1 pcs          | 0 pcs             | 1 pcs   | \$225.00/pcs             | \$225.00       |
| ✓ 17         | 167339   | D350-636-016 | Skidtube RH, Run-on Landing Wearplates, DART(Apical) Cylind./Aerazur Float Comp. | Firmed | 2/5/18   | 1 pcs          | 0 pcs<br>1x       | 1 pcs   | \$225.00/pcs<br>18/02/02 | \$225.00<br>ms |
| Grand Total: |          |              |                                                                                  |        |          |                |                   |         | \$2,925.00               |                |

### Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 2/2/18 10:21 AM dart.baker.diane



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

## Master Unit 000576

Tel (613) 632-5200

---

| Containers on Master Unit 000576 |               |                  |           |          |
|----------------------------------|---------------|------------------|-----------|----------|
| Serial No                        | Part No       | Customer Part No | Status    | Quantity |
| S039807                          | AN8C21A       | AN8C21A          | Allocated | 2        |
| S039808                          | D2741         | D2741            | Allocated | 1        |
| F165368                          | D3493-1       |                  | Allocated | 2        |
| S039806                          | D3532-1       |                  | Allocated | 2        |
| S039805                          | MS21083C8     | MS21083C8        | Allocated | 2        |
| S039804                          | NAS1149D0863J | NAS1149D0863J    | Allocated | 2        |



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

## Master Unit 000577

Tel (613) 632-5200

---

| Containers on Master Unit 000577 |               |                  |           |          |
|----------------------------------|---------------|------------------|-----------|----------|
| Serial No                        | Part No       | Customer Part No | Status    | Quantity |
| S039814                          | AN8C21A       | AN8C21A          | Allocated | 2        |
| S039813                          | D2741         | D2741            | Allocated | 1        |
| S039812                          | D3493-1       |                  | Allocated | 2        |
| S039811                          | D3532-1       |                  | Allocated | 2        |
| S039810                          | MS21083C8     | MS21083C8        | Allocated | 2        |
| S039809                          | NAS1149D0863J | NAS1149D0863J    | Allocated | 2        |